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## Process for producing propylene polymer

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### Abstract

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A process for producing a propylene polymer having a carbonyl group at the terminal, said process comprising polymerizing propylene to give a living propylene polymer in the presence of a catalyst composed of beta-diketone vanadium chelate and an aluminum compound represented by the formula R<sub>2</sub>AlX (wherein R is a hydrocarbon group having 1 to 8 carbon atoms and X is a halogen atom), and reacting the living propylene polymer with a carbonylating agent.

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